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Sheet 1 of 5

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 2262720001403

Application Number 09/731,941

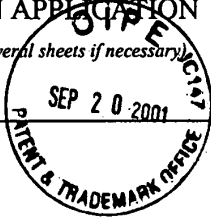
Applicant

James M. ALLEN

Filing Date December 6, 2000

Group Art Unit 1632

Mailing Date September 11, 2001



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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
DN	1.	01/10/1989	4,797,368	Carter et al.			
	2.	08/18/1992	5,139,941	Muzyczka et al.			
	3.	08/25/1992	5,141,742	Brown et al.			
	4.	12/22/1992	5,173,414	Lebkowski et al.			
	5.	10/11/1994	5,354,678	Lebkowski et al.			
BW	6.	08/19/1997	5,658,776	Flotte et al.	435	172.3	
DN	7.	04/22/1997	5,622,856	Natsoulis			
DW	8.	11/17/1998	5,837,484	Trempe et al.	435	69.1	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
DN	9. ✓	05/29/1995	AU 678867 ✓	Australia			only claims 1 and 6
DL	10. ✓	05/29/1995	AU 688428 ✓	Australia			only claims 1, 7, and 13
BW	11.	07/04/1996	4436664	Germany	abstract only		partial
DN	12.	11/28/1991	WO 91/18088	WIPO			
DL	13.	05/29/1992	WO 92/08796 ✓	WIPO			
DL	14.	06/23/1994	WO 94/13788	WIPO			
	15.	08/12/1994	WO 94/28143	WIPO			
DL	16.	05/18/1995	WO 95/13365	WIPO			
DL	17.	05/18/1995	WO 95/13392	WIPO			
DN	18.	06/01/1995	WO 95/14771	WIPO			

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Brian H. Allen

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Sheet 2 of 5

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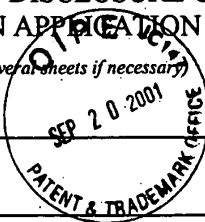
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Group Art Unit 1632

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## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
DW	19.	Antoni et al. (1991). "Adeno-Associated Virus Rep Protein Inhibits Human Immunodeficiency Virus Type-1 Production in Human Cells" <i>J. Virol.</i> (1991) 65(1):396-404.
	20.	Arispe, N. et al. (1992). "Intrinsic Anion Channel Activity of the Recombinant First Nucleotide Binding Fold Domain of the Cystic Fibrosis Transmembrane Regulator Protein" <i>Proc. Natl. Acad. Sci. USA</i> 89(5):1539-1543.
	21.	Berns (1990). <i>Virology</i> , Raven Press, New York, pp. 1743-1764.
	22.	Blacklow (1988). <i>Parvoviruses and Human Disease</i> , Pattison, J.R. (ed.), pp. 165-174.
	23.	Carter (1989). <i>Handbook of Parvoviruses</i> , Vol. II, CRC Press Boca Raton, FL, pp. 247-284.
	24.	Carter (1989). <i>Handbook of Parvoviruses</i> , Vol. I, pp. 169-228.
	25.	Carter, B.J. (1992). "Adeno-Associated Virus Vectors" <i>Current Opinion in Biotechnology</i> 3(5):533-539.
	26.	Carthew, R.W. et al. (1985). "An RNA Polymerase II Transcription Factor Binds to an Upstream Element in the Adenovirus Major Late Promoter" <i>Cell</i> 43(2 Pt 1):439-448.
	27.	Chatterjee et al. (1991). <i>Vaccines 91</i> , Cold Spring Harbor Laboratory Press, pp. 85-89.
	28.	Chatterjee, S. et al. (1992). "Dual-Target Inhibition of HIV-1 in Vitro by Means of an Adeno-Associated Virus Antisense Vector" <i>Science</i> 258(5087):1485-1488.
	29.	Dialog® Abstract of German Patent No. 4436664 (07/04/1996).
BW	30.	Dialog® Computer Abstract (Biosys File) of Kotin et al. (1989). "Organization of Adeno-Associated Virus DNA in Latently Infected Detroit 6 Cells," <i>Virology</i> 170(2):460-467.
BW	31.	Dialog® Computer Abstract (Biosys File) of Samulski et al. (1991). "Targeted Integration of Adeno-Associated Virus AAV into Human Chromosome 19," <i>EMBO J.</i> 10(12):3941-3950. One page total.
BW	32.	Dialog® Computer Abstract (Biosys File) of Srivastava et al. (1983). "Nucleotide Sequence and Organization of the Adeno-Associated Virus 2 Genome," <i>J. Virol.</i> 45(2):555-564.
BW	33.	Egan, M. et al. (1992). "Defective Regulation of Outwardly Rectifying Cl <sup>-</sup> Channels by Protein Kinase A Corrected by Insertion of CFTR," <i>Nature</i> 358(6387):581-584.
	34.	Flotte, T.R. et al. (1992). "Gene Expression from Adeno-Associated Virus Vectors in Airway Epithelial Cells" <i>Am. J. Respir. Cell. Mol. Biol.</i> 7(3):349-356.
	35.	Flotte, T.R. et al. (1993). "Expression of the Cystic Fibrosis Transmembrane Conductance Regulator from a Novel Adeno-Associated Virus Promoter" <i>J. Biol. Chem.</i> 268:3781-3790.
BW	36.	Flotte, T. R. et al. (1993). "Stable in Vivo Expression of the Cystic Fibrosis Transmembrane Conductance Regulator with an Adeno-Associated Virus Vector" <i>Proc. Natl. Acad. Sci. USA</i> 90(22):10613-10167.

EXAMINER:

B. M. Allen

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Sheet 3 of 5

Form PTO-1449		Docket Number 2262720001403	Application Number 09/731,941
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)		Applicant James M. ALLEN	
		Filing Date December 6, 2000	Group Art Unit 1632
		Mailing Date September 11, 2001	
PW	37.	Flotte et al. (1995). "An Improved System for Packaging Recombinant Adeno-Associated Virus Vectors Capable of <i>In Vivo</i> Transduction," <i>Gene Therapy</i> 2(1):29-37.	
PW	38.	Hamer, D.H. and Walling, M. (1982). "Regulation in Vivo of a Cloned Mammalian Gene: Cadmium Induces the Transcription of a Mouse Metallothionein Gene in SV40 Vectors" <i>J. Mol. Appl. Genet.</i> 1(4):273-288.	
	39.	Hermonat, P.L. and Muzyczka, N. (1984). "Use of Adeno-Associated Virus as a Mammalian DNA Cloning Vector: Transduction of Neomycin Resistance into Mammalian Tissue Culture Cells" <i>Proc. Natl. Acad. Sci. USA</i> 81:6466-6470.	
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	41.	Hölseher, C. et al. (1994). "Cell Lines Inducibly Expressing the Adeno-Associated Virus (AAV) Rep Gene: Requirements for Productive Replication of Rep-Negative AAV Mutants" <i>J. Virol.</i> 68(11):7169-7177.	
PW	42.	Kaplitt, M.G. et al. (1994). "Long-Term Gene Expression and Phenotypic Correction Using Adeno-Associated Virus Vectors in the Mammalian Brain" <i>Nature Genetics</i> 8:148-154.	
	43.	Kotin et al. (1990). "Site Specific Integration by Adeno-Associated Virus" <i>Proc. Natl. Acad. Sci. USA</i> 87:2211-2215.	
	44.	Kotin et al. (1992). "Characterization of a Preferred Site on Human Chromosome 19q for Integration of Adeno-Associated Virus DNA by Non-Homologous Recombination," <i>EMBO J.</i> 11(13):5071-5078.	
	45.	Khleif, S.N. et al. (1991). "Inhibition of Cellular Transformation by the Adeno-Associated Virus Rep Gene" <i>Virology</i> 181(2):738-741.	
PW	46.	Labow, M.A. et al. (1987). "Adeno-Associated Virus Gene Expression Inhibits Cellular Transformation by Heterologous Genes" <i>Mol. Cell. Biol.</i> 7(4):1320-1325.	
	47.	Labow et al. (1986). "Positive and Negative Autoregulation of the Adeno-Associated Virus Type 2 Genome" <i>Virology</i> 60(1):251-258.	
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	49.	LaFace, D. et al. (1988). "Gene Transfer into Hematopoietic Progenitor Cells Mediated by an Adeno-Associated Virus Vector" <i>Virology</i> 162(2):483-486.	
	50.	Laughlin, C.A. et al. (1979). "Spliced Adenovirus-Associated Virus RNA" <i>Proc. Natl. Acad. Sci. USA</i> 76(11):5567-5571.	
	51.	Laughlin, C.A. et al. (1983). "Cloning of Infectious Adeno-Associated Virus Genomes in Bacterial Plasmids" <i>Gene</i> 23(1):65-73.	
BW	52.	Lebkowski, J.S. et al. (1988). "Adeno-Associated Virus: A Vector System for Efficient Introduction and Integration of DNA into a Variety of Mammalian Cell Types" <i>Mol. Cell. Biol.</i> 8(10):3988-3996.	
EXAMINER: Brian A. Heston		DATE CONSIDERED: 2/8/02	
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Sheet 4 of 5

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
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Docket Number 2262720001403

Application Number 09/731,941

Applicant

James M. ALLEN

Filing Date December 6, 2000

Group Art Unit 1632

Mailing Date September 11, 2001

NY	53.	McLaughlin, S.K. et al. (1988). "Adeno-Associated Virus General Transduction Vectors: Analysis of Proviral Structures" <i>J. Virol.</i> 62(6):1963-1973.
	54.	Mendelson, E. et al. (1988). "Expression and Rescue of a Nonselected Marker from an Integrated AAV Vector" <i>Virology</i> 166(1):154-164.
	55.	Muro-Cacho et al. (1992). "Gene-Transfer in Human Lymphocytes Using a Vector Based on Adeno-Associated Virus" <i>J. Immunotherapy</i> 11(4):231-237.
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	57.	Rich, D.P. et al. (1991). "Effect of Deleting the R Domain on CFTR-Generated Chloride Channels" <i>Science</i> 253(5016):205-207.
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BW	59. ✓	Riordan, J.R. et al. (1989). "Identification of the Cystic Fibrosis Gene: Cloning and Characterization of Complementary DNA" <i>Science</i> 245:1066-1073.
BW	60. ✓	Rommens, J.M. et al. (1989). "Identification of the Cystic Fibrosis Gene: Chromosome Walking and Jumping" <i>Science</i> 245(4922):1059-1065.
	61.	Rose, J. A. (1974). "Parvovirus Reproduction," Chapter 1 In <i>Comprehensive Virology</i> pp. 1-61.
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	66.	Senapathy, P. and Carter, B.J. (1984). "Molecular Cloning of Adeno-Associated Virus Variant Genomes and Generation of Infectious Virus by Recombination in Mammalian Cells" <i>J. Biol. Chem.</i> 259(7):4661-4666.
	67.	Sheppard, D.N. et al. (1994). "The Amino-Terminal Portion of CFTR Forms a Regulated Cl-Channel" <i>Cell</i> 76(6):1091-1098.
BW	68.	Srivastava, A. et al. (1983). "Nucleotide Sequence and Organization of the Adeno-Associated Virus 2 Genome" <i>J. Virol.</i> 45(2):555-564.

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Brian R. Thomas

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BW	69.	Srivastava, C.H. et al. (1989). "Construction of a Recombinant Human Parvovirus B19: Adeno-Associated Virus 2 (AAV) DNA Inverted Terminal Repeats are Functional in an AAV-B19 Hybrid Virus" <i>Proc. Natl. Acad. Sci. USA</i> 86(20):8078-8082.
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	75.	Vincent et al. (1990). <i>Vaccines 90</i> , Cold Spring Harbor Laboratory Press, pp. 353-359.
	76.	Walsh, C.E. et al. (1992). "Regulated High Level Expression of a Human Gamma-Globin Gene Introduced into Erythroid Cells by an Adeno-Associated Virus Vector" <i>Proc. Natl. Acad. Sci. USA</i> 89(15):7257-7261.
	77.	Winocour et al. (1992). "Modulation of the Cellular Phenotype by Integrated Adeno-Associated Virus" <i>Virology</i> 190:316-329.
	78.	Wong et al. (1991). <i>Vaccines 91</i> , Cold Spring Harbor Laboratory Press, pp. 183-189.
BW	79.	Yang, Q. et al. (1994). "Characterization of Cell Lines that Inducibly Express the Adeno-Associated Virus Rep Proteins" <i>J. Virol.</i> 68(8):4847-4856.

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